# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 2 | "5611863".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:12 |
| L2 | 2 | 60/291337 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:12 |
| L3 | 8 | ("4431901" \| "5304282" \| "5405480" \| "5560844" \| "5584971" \| "5680014" \| "5681418" \| "6245202").PN. OR ("7163603").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/08 14:14 |
| L4 | 3230 | tokyo adj electron adj limited.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:25 |
| L5 | 2157 | 4 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:17 |
| L6 | 2 | 5 and molding adj process | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:18 |
| L7 | 119 | (process$3 adj chamber)and (molding adj process) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:19 |
| L8 | 17 | (process$3 adj chamber)same (molding adj process) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:20 |

# EAST Search History

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|---|---|---|---|---|---|---|
| L9 | 13 | (process$3 adj chamber) with (molding adj process) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:20 |
| L10 | 0 | ("2564203").URPN. | USPAT | OR | OFF | 2007/02/08 14:23 |
| L11 | 59 | tokyo adj electron adj limited.as. and Fink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:13 |
| L12 | 23113635 | 11and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:26 |
| L13 | 16 | 11 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:14 |
| L14 | 0 | tokyo adj electron adj limited.as. and Fink and cast$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:57 |
| L15 | 92 | tokyo adj electron adj limited.as. and cast$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:57 |
| L16 | 53 | 15 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:10 |
| L20 | 1533 | tokyo adj electron adj limited.as. and (process$3 adj chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:13 |

# EAST Search History

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|---|---|---|---|---|---|---|
| L21 | 895 | 20 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:14 |
| L22 | 38 | 21 and (mold$3 cast$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 15:49 |
| L23 | 2 | "5685942".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 16:05 |
| L24 | 4 | "6905079".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 16:16 |
| L25 | 2 | "6634845".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 16:16 |
| S1 | 1 | 10/521444 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 08:56 |
| S2 | 4 | ("3885922"|"6355109").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 11:50 |
| S3 | 5631 | 118/715,723.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/12 13:09 |

# EAST Search History

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|---|---|---|---|---|---|---|---|
| S4 | 709 | S3 and process$3 adj chamber and aluminum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/12 13:10 | |
| S5 | 1 | S4 and pumping adj cell | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/12 13:12 | |
| S6 | 85 | S4 and (TMP turbo adj molecular adj pump) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/12 13:12 | |
| S7 | 45 | S6 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 14:26 | |
| S8 | 50 | ("3297501" \| "4223048" \| "4282267" \| "4401054" \| "4461783" \| "4512283" \| "4539068" \| "4572842" \| "4668365" \| "4716852").PN. OR ("4949671").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/12 13:29 | |
| S9 | 51 | ("3656454" \| "4512283" \| "4558388" \| "4565601" \| "4724621" \| "4771730" \| "4795529" \| "4798165" \| "4828369" \| "4848273" \| "4876983" \| "4918031" \| "4949671" \| "4960488" \| "4975252" \| "4986890" \| "4990229" \| "5000113" \| "5091049" \| "5105761" \| "5122251" \| "5124014" \| "5200232" \| "5223457" \| "5234529" \| "5310452" \| "5314845" \| "5330610" \| "5376628" \| "5378311" \| "5389154" \| "5449432" \| "5522937" \| "5525159" \| "5534231" \| "5537004" \| "5540800" \| "5545591" \| "5554223" \| "5556501" \| "5587344" \| "5597439" \| "5614055" \| "5618382" \| "5626679" \| "5681418" \| "5707692" \| "5792272"). PN. OR ("6178918").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/12 13:38 | |
| S10 | 630 | lund-j$.xa,xp. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 08:39 | |

| S11 | 219 | S10 and (ald height) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 11:28 |
|-----|-----|----------------------|----------------|----|----|------------------|
| S12 | 65 | ("20020005400" \| "20020017618" \| "20020104619" \| "20020137311" \| "20030029859" \| "20030031793" \| "20030124820" \| "20030209326" \| "20030235983" \| "20030236642" \| "4694779" \| "5244501" \| "5269847" \| "5334277" \| "5455070" \| "5484486" \| "5522934" \| "5525157" \| "5551985" \| "5571329" \| "5653808" \| "5725673" \| "5772771" \| "5830277" \| "5874711" \| "5879459" \| "5916369" \| "5930456" \| "5960158" \| "5970214" \| "5970382" \| "5973447" \| "5993555" \| "5997175" \| "6001175" \| "6027244" \| "6034357" \| "6056434" \| "6056823" \| "6075922" \| "6113984" \| "6139641" \| "6160242" \| "6174651" \| "6200023" \| "6200634" \| "6204484" \| "6210484" \| "6222990" \| "6223684" \| "6281141" \| "6293696" \| "6310328" \| "6359263" \| "6403923" \| "6413884" \| "6500266" \| "6514876" \| "6559424" \| "6562720" \| "6610967" \| "6638876" \| "6646235" \| "6666921" \| "RE36957").PN. OR ("6902622"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 09:18 |
| S13 | 155 | ("4533410" \| "4533820" \| "4689247" \| "4828224" \| "4836138" \| "4846102" \| "4976996" \| "4993360" \| "5077875" \| "5119760" \| "5194401" \| "5336327" \| "5749974" \| "5788447").PN. OR ("5879459").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 09:27 |
| S14 | 34 | ("20010000866" \| "4058430" \| "4389973" \| "4413022" \| "4780817" \| "4840921" \| "4940213" \| "5102637" \| "5114683" \| "5166092" \| "5300186" \| "5316793" \| "5417934" \| "5601651" \| "5688479" \| "5819683" \| "5855675" \| "5855680" \| "5879459" \| "5916365" \| "5928426" \| "6015590" \| "6063197" \| "6093253" \| "6099649" \| "6193802" \| "6197119" \| "6200893" \| "6223684" \| "6238514" \| "6305314" \| "6306216" \| "6506352" \| "6770145").PN. OR ("7060132").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 09:36 |

| S15 | 101 | ("20010041122" \| "20030160239" \| "20030219977" \| "4797054" \| "4828224" \| "4889609" \| "4895107" \| "4949783" \| "4951601" \| "4990047" \| "5071460" \| "5080549" \| "5121705" \| "5186718" \| "5192371" \| "5199483" \| "5217501" \| "5223001" \| "5229615" \| "5286296" \| "5388944" \| "5391035" \| "5433785" \| "5462397" \| "5516732" \| "5520742" \| "5520743" \| "5538390" \| "5571330" \| "5586585" \| "5609459" \| "5609689" \| "5611655" \| "5613821" \| "5630690" \| "5651868" \| "5664925" \| "5683072" \| "5697750" \| "5730801" \| "5752796" \| "5784799" \| "5785796" \| "5788447" \| "5810538" \| "5810942" \| "5816718" \| "5820692" \| "5855681" \| "5857848" \| "5879459" \| "5882165" \| "5882413" \| "5883017" \| "5885675" \| "5897710" \| "5900105" \| "5913978" \| "5934856" \| "5970717" \| "5974682" \| "5975740" \| "5976312" \| "6000227" \| "6022586" \| "6042623" \| "6045315" \| "6048154" \| "6053686" \| "6053980" \| "6063203" \| "6071055" \| "6073366" \| "6074538" \| "6096135" \| "6106634" \| "6108937" \| "6113704" \| "6120605" \| "6149365" \| "6154301" \| "6162299" \| "6193803" \| "6224312" \| "6224679" \| "6234107" \| "6236903" \| "6261048" \| "6264804" \| "6280134" \| "6283060" \| "6286230" \| "6305898" \| "6312525" \| "6464825" \| "6488775" \| "6488778" \| "6536136" \| "6551045" \| "6609869" \| "6709521").PN. OR ("7021881").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 09:48 |
| S16 | 51 | ("2766022" \| "4094722" \| "4100055" \| "4148705" \| "4151034" \| "4158589" \| "4160690" \| "4209357" \| "4231695" \| "4419923" \| "4534314" \| "4539062" \| "4547247" \| "4585920" \| "4793975" \| "4795299" \| "4816638" \| "4861563" \| "4969790" \| "5024747" \| "5058526" \| "5076205" \| "5092728" \| "5154730" \| "5232508" \| "5245736" \| "5314574" \| "5388944" \| "5460684" \| "5516367").PN. OR ("5883017").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 10:01 |
| S17 | 66 | ("3874525" \| "4405435" \| "4553069" \| "4592306" \| "4705951" \| "4709655" \| "4715637" \| "4747928" \| "4828224" \| "4874312" \| "4909695" \| "4917556").PN. OR ("4990047").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 10:26 |

| S18 | 78 | ("3087603" \| "3562140" \| "3656454" \| "3874525" \| "3939798" \| "3993909" \| "4275978" \| "4336438" \| "4405435" \| "4453347" \| "4465416" \| "4498416" \| "4501527" \| "4548699" \| "4582191" \| "4643627" \| "4735540").PN. OR ("4909695").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 10:35 |
|-----|----|----|----|----|----|----|
| S19 | 15 | ("4768921" \| "5328722" \| "5350275" \| "5364667" \| "5387079" \| "5482430" \| "5540783" \| "5578131" \| "5688106" \| "5750436" \| "5792272" \| "5924841" \| "5972114").PN. OR ("6355109").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/31 11:03 |
| S20 | 37 | (US-20050034767-$ or US-20030209326-$ or US-20030124820-$ or US-20010041122-$).did. or (US-6375750-$ or US-6178918-$ or US-7090751-$ or US-7051759-$ or US-5597439-$ or US-7077159-$ or US-6080679-$ or US-6991710-$ or US-7114903-$ or US-6921467-$ or US-6905547-$ or US-6902622-$ or US-6056823-$ or US-5879459-$ or US-7135369-$ or US-7115494-$ or US-7094685-$ or US-7060132-$ or US-6306216-$ or US-5916365-$ or US-5855675-$ or US-7022948-$ or US-7021881-$ or US-6283060-$ or US-6224679-$ or US-5883017-$).did. or (US-6969227-$ or US-6331095-$ or US-4151034-$ or US-4909695-$ or US-D473354-$ or US-5215420-$ or US-6645344-$).did. | US-PGPUB; USPAT | OR | OFF | 2007/01/31 11:05 |
| S21 | 37 | S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 11:08 |
| S22 | 94 | S11 and inch$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 11:35 |
| S23 | 93 | S11 and inch$3 and height | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 11:26 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S24 | 28 | "5006760" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/31 11:26 |
| S25 | 76 | S10 and (ald height) and inches | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/31 11:28 |
| S26 | 18 | S22 not S25 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/31 11:35 |
| S27 | 361 | tokyo adj electron adj limited.as. and (tmp turbo adj molecular adj pump) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 14:17 |
| S28 | 123 | S27 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 11:02 |
| S29 | 0 | ("2003/0041970").URPN. | USPAT | OR | OFF | 2007/01/31 11:57 |
| S30 | 16 | ("4624617" \| "4742286" \| "4790258" \| "4836733" \| "4917556" \| "5202716" \| "5288379" \| "5417537" \| "5447409" \| "5554914" \| "5709291" \| "5793184" \| "6008622" \| "6285102").PN. OR ("6634845").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/31 12:04 |
| S31 | 11 | ("4816113" \| "4971667" \| "5368685" \| "5512102").PN. OR ("5611863").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/31 12:12 |
| S32 | 229 | tokyo adj electron adj limited.as. and (process$3 adj chamber) and inch$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/31 12:42 |

| S33 | 140 | tokyo adj electron adj limited.as. and (process$3 adj chamber) and inch$3 and aluminum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:21 |
|-----|-----|------|------|------|------|------|
| S34 | 122 | S33 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:21 |
| S35 | 41 | tokyo adj electron adj limited.as. and (process$3 adj chamber) and inch$3 and aluminum and height | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:21 |
| S36 | 33 | S35 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:45 |
| S37 | 3 | tokyo adj electron adj limited.as. and (plate adj stock same aluminum) and (thickness near$2 inches) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:45 |
| S38 | 18 | tokyo adj electron adj limited.as. and (height same inches) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:45 |
| S39 | 14 | S38 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/31 12:45 |
| S40 | 1489 | (process$3 adj chamber) and plasma and liner | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 08:57 |

| S41 | 1469 | S40 not blood | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 08:57 |
|-----|------|---------------|------|----|-----|------------------|
| S42 | 1489 | (process$3 adj chamber) and plasma and liner | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 08:57 |
| S43 | 1469 | S42 not blood | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 08:57 |
| S44 | 1010 | S43 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 09:13 |
| S45 | 0 | ("2007/0012657").URPN. | USPAT | OR | OFF | 2007/02/08 09:11 |
| S46 | 332 | S44 and volume | USPAT | OR | OFF | 2007/02/08 09:11 |
| S47 | 332 | S44 and volume and liner | USPAT | OR | OFF | 2007/02/08 09:12 |
| S48 | 58 | S44 and (liner same volume) | USPAT | OR | OFF | 2007/02/08 09:12 |
| S49 | 94 | S43 and (@ad<="20020731" @rlad<="20020731") and (volume same liner) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 09:33 |
| S50 | 57 | S49 and (chamber adj liner) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 10:57 |
| S51 | 0 | 2003/0038111 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/08 10:57 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S52 | 2 | "20030038111" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 10:57 |
| S53 | 363 | tokyo adj electron adj limited.as. and (tmp turbo adj molecular adj pump) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 11:02 |
| S54 | 123 | S53 and (@ad<="20020731" @rlad<="20020731") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 11:02 |
| S55 | 9 | S54 and liner | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:04 |
| S56 | 89 | "4909695" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:28 |
| S57 | 4 | "6634845" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:31 |
| S58 | 9 | "5611863" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:47 |
| S59 | 30 | "5874012" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:48 |

| S60 | 6 | "6815365" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 12:51 |
|---|---|---|---|---|---|---|
| S61 | 29 | "5445709" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/08 13:59 |